BBA

Reviews on Biomembranes

Vol. 1113, 1992

Cumulative Contents

Information for contributors *vii*

Transport mechanisms in chloride channels
F. Franciolini and A. Petris (USA, Italy) 1

Intestinal uptake and transmembrane transport systems of intact GSH; characteristics and possible biological role
M.T. Vincenzini, F. Favilli and T. Iantomasi (Italy) 13

Diphtheria toxin: membrane interaction and membrane translocation
E. London (USA) 25

Molecular recognition and processing of periodic signals in cells: study of activation of membrane ATPases by alternating electric fields
T.Y. Tsong (USA, Taiwan) 53

Cardiolipins and biomembrane function
F.L. Hoch (USA) 71

G-protein-regulated phospholipases C, D and A_2-mediated signalling in neutrophils
S. Cockcroft (UK) 135

What we can learn from the effects of thiol reagents on transport proteins
P.R. Van Iwaarden, A.J.M. Driessen and W.N. Konings (Netherlands) 161

Sterically stabilized liposomes
M.C. Woodle and D.D. Lasic (USA) 171

Phosphatidylethanolamine liposomes: drug delivery, gene transfer and immunodiagnostic applications
D.C. Litzinger and L. Huang (USA) 201

From contractile vacuole to leaky epithelia. Coupling between salt and water fluxes in biological membranes
T. Zeuthen (Denmark) 229

Calcium and calmodulin function in the cell nucleus
O. Bachs, N. Agell and E. Carafoli (Spain, Switzerland) 259

The mobile receptor hypothesis revisited: a mechanistic role for hormone receptor lateral mobility in signal transduction
D.A. Jans (Germany) 271

Trafficking of glycosphingolipids in eukaryotic cells; sorting and recycling of lipids
D. Hoekstra and J.W. Kok (Netherlands) 277

Cytoplasmic Ca^{2+} oscillations in pancreatic β-cells
B. Hellman, E. Gylfe, E. Grapengiesser, P.-E. Lund and A. Berts (Sweden) 295

Immunologic aspects of liposomes: presentation and processing of liposomal protein and phospholipid antigens
C.R. Alving (USA) 307

Contributions of chemical derivatization and spectroscopic studies to the characterization of the Ca^{2+} transport ATPase of sarcoplasmic reticulum
D.J. Bigelow and G. Inesi (USA) 323

Crystal structures of membrane lipids
I. Pascher, M. Lundmark, P.-G. Nyholm and S. Sundell (Sweden) 339

Spontaneous lipid transfer between organized lipid assemblies
R.E. Brown (USA) 375

Gramicidin and gramicidin–lipid interactions
J.A. Killian (Netherlands) 391

Cumulative Contents, Vol. 1113 427

Author Index 429